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WEBINAR:
Advancing Sequencing and Genotype Analysis at the University of Florida

Date: Friday, September 19th, 2014
Time: 12:00 PM - 1:00 PM EDT
Presenter: Bryce Christensen, Ph.D.
Statistical Geneticist, Golden Helix

In this webinar, you will learn about the latest bioinformatics analysis and tools for analyzing **GWAS and next-generation DNA sequencing data**, including practical applications for identifying and interpreting candidate functional variants. Dr. Bryce Christensen will present updated workflows with Golden Helix's newest products, SNP & Variation Suite 8 (SVS) and the revolutionary browser, GenomeBrowse.

Register at:
www2.gotomeeting.com/ register/521827866

Agenda:

1. Introduction to SVS and GenomeBrowse
   - Overview of the workspace: (spreadsheets, annotations, visualizations, etc.)
   - Working efficiently with big data

2. GWAS for Agrigenomics
   - Data Management & Quality Assurance
   - Analysis (SNP, CNV, Mixed Linear Model)
   - Genomic Predictions (gBLUP)
   - Visualization (QQ and Manhattan Plots)

3. DNA-Sequencing
   - Exome filtering and variant sharing between samples
   - Sample pattern filtering
   - Variant classification
   - Interrogating VCF and BAM files
   - Visualizing data using GenomeBrowse

4. Q&A